Annual report for the year ending 31st December, 1953 / St. Andrew's Hospital, Thorpe, Norwich.

Contributors

St. Andrew's Hospital (Thorpe, England)
Deacon, H.
McCulley, W. J.
Proud, Clyde Douglas.
France, Ernest S.
Russell, J. Ivison.
Coffin Duncan, Ida.
East Anglian Regional Hospital Board. Group 7. Hospital Management Committee.

Publication/Creation

[Norwich]: [Printed by Roberts Printers (Norwich)], [1954?]

Persistent URL

https://wellcomecollection.org/works/wunxswb8

License and attribution

Conditions of use: it is possible this item is protected by copyright and/or related rights. You are free to use this item in any way that is permitted by the copyright and related rights legislation that applies to your use. For other uses you need to obtain permission from the rights-holder(s).



Wellcome Collection 183 Euston Road London NW1 2BE UK T +44 (0)20 7611 8722 E library@wellcomecollection.org https://wellcomecollection.org EAST ANGLIAN REGION

Annual Report

OF

St. Andrew's Hospital Thorpe, Norwich

For the Year Ending 31st December, 1 9 5 3



Group 7 HOSPITAL MANAGEMENT COMMITTEE

ST. ANDREW'S HOSPITAL THORPE, NORWICH

Annual Report

For the Year Ending 31st December,

1953

THE HOSPITAL MANAGEMENT COMMITTEE

H. DEACON, Esq. (Chairman)

F. H. EASTON, Esq. (Vice-Chairman)

Mrs. K. M. ADLINGTON

G. BAYFIELD, Esq.

A. L. CARNEGIE, Esq.

H. T. DAVIS, Esq.

R. N. DEWHURST, Esq.

Mrs. M. HIGH

W. J. HINDES, Esq.

G. HOWARD, Esq.

W. HOWES, Esq., J.P.

Miss M. T. MARSH, S.R.N.

Dr. J. V. MORRIS

CAPT. E. MURRAY-HARVEY, O.B.E., M.C., F.R.G.S.

C. NOON, Esq., O.B.E., F.R.C.S.

G. S. READ, Esq.

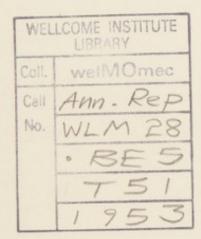
J. W. SCOTT, Esq.

C. C. SMITH, Esq.

P. E. TAYLOR, Esq.

J. W. WOODROW, Esq., J.P.

A. N. WRIGHT, Esq., J.P.



Secretary to the Committee:

B. H. READ, F.H.A., St. Andrew's Hospital, Thorpe, Norwich.

SUB-COMMITTEES

FARM

W. HOWES (Chairman)

G. BAYFIELD MISS M. T. MARSH

H. DEACON C. C. SMITH

F. H. EASTON A. N. WRIGHT

WORKS

F. H. EASTON (Chairman)

MRS. K. M. ADLINGTON CAPT. E. MURRAY-HARVEY

G. BAYFIELD J. W. SCOTT

A. L. CARNEGIE C. C. SMITH

H. DEACON P. E. TAYLOR

W. J. HINDES A. N. WRIGHT

W. HOWES

FINANCE

H. DEACON (Chairman)

G. BAYFIELD W. HOWES

A. L. CARNEGIE DR. J. V. MORRIS

H. T. DAVIS G. S. READ

R. N. DEWHURST J. W. WOODROW

F. H. EASTON A. N. WRIGHT

G. HOWARD

CONSULTING STAFF

Physicians:

B. B. MORGAN, M.D. (Ed.)., F.R.C.P. Lond.)

K. A. LATTER, M.D., F.R.C.P. (Lond.)

W. A. OLIVER, M.B.E., M.D., M.R.C.P. (Lond.)

J. A. CAMPBELL, M.R.C.P. (Lond.)

Surgeons:

C. NOON, O.B.E., F.R.C.S. (Eng.)

N. J. TOWNSLEY, F.R.C.S. (Eng.)

Surgeon, Ear, Nose and Throat:

R. A. HIGHMOOR, F.R.C.S. (Ed)., D.L.O.

I. S. YOUNG, F.R.C.S. (Ed)., D.L.O.

Surgeon, Ophthalmic:

W. E. RUTLEDGE, L.R.C.P. & S.(I)., D.O.M.S. (Eng.)

Dental Surgeon:

A. C. DAVIES, L.D.S., R.C.S. (Eng.)

J. C. J. McGOWAN, L.D.S., R.F.P.S., F.D.S., R.C.S.

Anæsthetists:

R. A. C. RICE, M.B., B.S. (Lond.), D.A. (Eng.)

A. I. WARD, M.B., B.S. (Lond.), D.A. (Eng.)

K. J. V. CARLSON, M.B., Ch.B. (Bristol).

Dermatologist:

A. G. SMITH, M.D. (Glas.), F.R.C.S. (Eng.)

OFFICERS

1953.

Medical Superintendent (Consultant Psychiatrist): W. J. McCULLEY, M.B., Ch.B., B.Sc. (Glasgow), D.P.M. (Eng.)

Deputy Medical Superintendent (Consultant Psychiatrist): J. D. FRASER, M.D. (Glasgow), M.B., Ch.B. (Glasgow), D.P.M. (Dublin)

Consultant Psychiatrist:
H. B. N. JENNINGS, M.D. (Liverpool), D.P.M. (Eng.)

Senior Hospital Medical Officers:

A. J. F. CROSSLEY, M.B., Ch.B. (Manchester), M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.M. (Eng.)

RUTH E. M. MEIER-BLAAUW, M.D. (Breslau), L.R.C.P. & S. (Edin.)

Senior Registrar:
L. N. COOK, M.B., Ch.B. (Glasgow)—part-time.

Registrar: EDNA F. BIRKINSHAW, M.B., B.S. (Sydney), M.R.C.P. (Lond.).

Junior Hospital Medical Officer: B. PIETOCHA, M.B.E., M.D. (Warsaw)

> Senior House Officer: A. SIMON, M.D. (Budapest)

> > Chaplains:

REV. C. D. PROUD, F.R.G.S. REV. E. S. FRANCE

Group Secretary and Finance Officer: B. H. READ, F.H.A.

Supplies Officer and Steward: F. S. ROBERTSON, A.H.A.

Matron:

MISS E. M. PARRY, S.R.N., R.M.N., O.N.C.

Chief Male Nurse:
J. C. WATTS, S.R.N., R.M.N.

Psychologist:

J. L. WORSLEY, B.A. (Manchester), Dip. Psychol. (Lond.)—part-time

Psychiatric Social Worker: Miss C. A. W. McCall

Pharmacist:

H. E. G. TAYLOR, M.P.S.

Engineer and Clerk of Works: H. J. WYATT, A.M.I.B.E., M.I.H.E.

Farm Manager: F. GRAVELING

EAST ANGLIAN REGIONAL HOSPITAL BOARD (GROUP 7)

Sixth Report of the Hospital Management Committee appointed under Section 11 of the National Health Service Act, 1946, for the Management and Control of

ST. ANDREW'S HOSPITAL THORPE, NORWICH

The Management Committee has pleasure in presenting the following Annual Report covering the year 1953.

MEETINGS AND VISITS.

Meetings were held as follows: --

Management Committee	 	12
Sub-Committees: -Finance	 	11
Farm	 	11
Works	 	11
Contracts	 	1
Special	 	3

Members of the Committee have made regular monthly visits of inspection to wards and other departments in accordance with Section 188 of the Lunacy Act, 1890.

CHANGES IN COMMITTEE

During the year Mr. R. E. Carter resigned. To fill this vacancy and the one outstanding at the end of 1952, Mr. A. L. Carnegie and Mr. P. E. Taylor have been appointed.

ACCOMMODATION FOR PATIENTS.

Overcrowding has become rather worse owing to a rise in the admission rate, and at the end of the year there were 1,285 patients on the books compared with 1,243 available beds and an approved accommodation figure of 919. The fullest possible use is made of trial periods and extended leave so as to keep a few vacant beds for urgent cases.

Under such conditions proper classification of patients is impracticable and care and nursing become more difficult. Having regard to this, we feel that the favourable comments contained in the the report of the Board of Control Commissioners reflect the greatest credit upon the medical and nursing staff.

We can only repeat what has been said in previous reports, with renewed emphasis, that this problem can be solved in no other way than by providing extra bed accommodation at the hospital and for senile cases at some other suitable institution.

FINANCE.

All financial records are now centralised in one office and the handicap of inadequate accommodation under which the finance staff have previously worked has been overcome.

A complete new system of stores records and stock control accounts has been introduced.

The work of inventory checking throughout the wards and other departments has been commenced.

Special investigations into the laundry and the pharmacy have been continued with a view to increasing efficiency and making economies, and at the end of the year the organisation of the catering department was receiving attention.

In addition to the usual amenities provided from Endowment Fund, the cost of the following was met from this source:—

Internal redecoration and improvement to lighting in the Chapel and Stage in the Recreation Hall.

Special programme of entertainments and recreation in Coronation week.

WORKS DEPARTMENT.

The more important works undertaken by this department may be summarised as follows:—

BY CONTRACT: -

External Painting—Male Hospital ward blocks, etc. Internal re-decoration of Chapel and Recreation Hall.

BY DIRECT LABOUR: -

Hot water radiators and piping fitted in Wards 5, 6, 9 and 13, dental room, operating theatre, dispensary, occupational department (part only) and various offices.

Cleaning and painting Wards C and H, corridors, sitting rooms and bathrooms in Nurses' Home and domestic staff quarters.

Conversion of room adjoining Ward 2 into finance office.

Conversion of room adjoining Ward 10 into Assistant Matrons' Office.

Building additional sanitary unit in Ward 15 garden.

Re-wiring domestic staff quarters, Ward C2, Ward 3 extension, main stores office, chapel.

Rebuilding greenhouse at Female Hospital.

Repairs to estate roads.

In the Laundry Ward dormitory, female hospital canteen and several small rooms, the experiment of laying coloured composition floor tiles has been tried with gratifying results.

An extension is being built near the boiler plant, mainly from salvaged materials, for additional calorifiers.

Mr. F. H. Easton, Chairman of the Works Committee, has taken a very active and keen interest in improvements outlined above and his experience in such matters has been most valuable.

FARM AND GARDEN.

The following produce was supplied to the hospital during the year: -

Vegetables and Fruit to the value of £3,927 9s. 6d.

Potatoes, 1623 tons.

Beef, 50,417 lbs.

Mutton, 7,356 lbs.

Pork, 18,097 lbs.

Milk, 29,2801 gallons.

Eggs, 68,780.

Poultry, 776 lbs.

The following were the principal sales:-

British Sugar Corporation, 2083 tons Sugar Beet, value £1,310 6s. 11d.

Ministry of Food, 161 Pigs, value £3,554 0s. 8d.

An excellent supply of milk has been maintained and all the attested herd have successfully passed the tuberculin test.

With the co-operation of the County Agricultural Executive Committee, a contract for drainage of the marsh grazing land was completed and the land, which is subject to flooding, should produce suitable pasture over a greater part of the year than hitherto.

The Wards have been provided with plants and flowers which have been greatly appreciated, particularly in the admission and sick Wards.

A bowling green is to be laid down for the patients and the cost met from the Endowment Fund.

Regular inspections and tests of the electrical equipment in use at the farm premises are being made by the Engineer's staff.

The help and advice of the Chairman of the Farm Committee, Mr. W. Howes, which has been readily available at all times, is acknowledged with appreciation.

CAPITAL WORKS.

The only capital items allowed to proceed during 1953 were: -

Ward 3: New kitchen and improvements to sanitary arrangements.

Block C: Conversion into two self-contained Wards-second stage.

It is understood that the provision of better sanitary units in Ward 5 has been authorised for 1954-55.

The following items already recommended on several occasions have not been authorised:—

Installation of Central Heating.

Connection of 8 cottages and 1 Medical Officer's house to sewerage system.

Improvement to Mortuary and Mortuary Chapel.

Grants have been made by the Regional Board to enable a modified scheme of heating in some of the Wards, where it was most needed, to be carried out by direct labour. Whilst this is an improvement of considerable value, it does not supersede the complete heating scheme prepared by the consulting engineers whom the Board appointed to advise them.

STAFF.

The hospital suffered a severe loss by the death in August, after a short illness, of Mr. Herbert Hutchings, who had been Chief Male Nurse since 1st October, 1947. He was a man who never spared himself in the interest of his patients and who had won their confidence and respect.

To succeed him, Mr. J. C. Watts, formerly Chief Male Nurse at Moorhaven Hospital, Ivybridge, Devon, has been appointed.

Miss E. M. Parry, previously Matron at Downshire Mental Hospital, Northern Ireland, was appointed Matron as from 1st April, 1953, in place of Miss A. Coomber, to whom reference was made in our last report.

Mr. W. W. Taylor, Deputy Secretary, retired on pension on 30th September after 43 years hospital service (33 at St. Andrew's). A tribute to his loyal service over the long period is recorded in the minutes. Mr. F. J. Hunt, Senior Administrative Assistant, was promoted to Deputy Secretary as from 1st October.

The following posts additional to the establishment were filled: -

Clinical Psychologist (for duty at both St. Andrew's and Hellesdon (Group No. 8) Hospitals).

Psychiatric Social Worker.

Recreational Organiser.

The Committee regret to record the death of Mr. Thomas Lowne, employed as Cowman for 24 years, shortly after his retirement owing to ill-health.

In an effort to relieve the acute shortage of female nurses, a number of young women from France have been recruited, some of whom, it is hoped, will eventually be able to undertake training for the General Nursing Council examinations.

In conjunction with the Joint Consultative Staffs Committee the general rules for staff have been revised and put into force.

GENERAL.

The Committee has taken out membership of the Association of Hospital Management Committees and has appointed the Chairman and Vice-Chairman as representatives to serve on the East Anglian branch.

Support is also given to the National Association for Mental Health.

The Norfolk and Suffolk Hospital Contributors Association have again made generous gifts for the patients, particularly at Christmas and our thanks are due for this continued interest and help.

We acknowledge also the work of voluntary organisations in providing various entertainments.

The report of the Commissioners of the Board of Control, who visited the Hospital on 5th May is appended.

The ready co-operation of the officials of the Regional Hospital Board has been of great assistance in dealing with many matters and their advice has been most helpful.

It is with pleasure that we pay tribute to the excellent work of the Officers and Staff throughout the year.

Signed on behalf of the Management Committee,

H. DEACON.

Chairman.

March, 1954.

THE MEDICAL SUPERINTENDENT'S ANNUAL REPORT

for the year 1953.

To the Hospital Management Committee

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to submit to you the Annual Report for the year ending 31st December, 1953.

The following table shows the numerical c	changes w	hich have	taken place
during the year:—	M.		Total.
Numbers in the Hospital on 1st January, 1953	514	719	1233
Admitted during the year	225	317	542
Discharged and transferred during the year	154	245	399
Died	38	53	91
Remaining in Hospital 31st December, 1953:-			
Health Service Cases	506	738	1244
Service Cases	41	_	41
	547	738	1285

The daily average number resident was 516 men, 694 women, a total of 1210 patients, as compared with 1207 during the previous year. The number of patients under treatment during the year was 1775, the same number as in the previous year.

Admissions Voluntary and Temporary Patients The number of admissions increased by 27 during the year. The number of Voluntary patients, including regradings to the Status, admitted during the year was 190 males and 265 females being 84% and 83.6% respectively of the total male and female admissions. The number of Temporary patients admitted was 7; 4 males and 3 females.

Of the patients admitted 100 male and 126 female had been previously dealt with under the Lunacy Act or the Mental Treatment Act and 42 male and 57 female were re-admitted to Hospital within twelve months.

Sections 20 and 21 During the year 14 male and 15 female patients were admitted under Sections 20 and 21 of the Lunacy Act, 1890, and of these 15 remained as Voluntary patients, and 7 remained under Certificate.

Of the total number of direct admissions, 117 or 21.6% were 65 years of age and over and of the patients resident at the end of the year 278 or 21.6% were of this age group.

Discharges and Transfers The condition of patients on discharge and transfer was as follows: -

			M.	F.	Total.
Recovered		 	 30	52	82
Improved		 	 102	173	275
Not Improv	ed	 	 22	20	42
			154	245	399

The Recovery Rate, calculated on direct admissions was 13% for males and 16% for females, an average of 15%.

The Discharge Rate, calculated on the total admissions was 68.4% for males and 77.3% for females, an average of 73.6%.

Deaths

The number of deaths was 38 males and 53 females, a total of 91 and of these 32 males and 36 females were 65 years of age or over, while 22 patients died within three months of admission. The Death Rate calculated on the average daily number resident was 7.4% for males and 7.6% for females, an average of 7.5%.

The Chief Causes of Death were: -

Diseases of the Circulatory System	 44
Diseases of the Respiratory System	 18
Cerebral Haemorrhage and Thrombosis	 10
Cancer and Other Tumours	 6
Tuberculosis	 _
Other Causes	 8

Inquests

Inquests were held during the year on a Male Certified patient, aged 73 years, who died as a result of an accidental fall; on a Female Certified patient, aged 89 years, who died from shock resulting from a fracture of the femur caused during a period of restlessness; on a Female Certified patient, aged 57 years, who died from shock resulting from a fracture of the femur which occurred during an epileptic fit; on a Female Certified patient, aged 81 years, who died after an accidental fall from a chair; and on a Female Voluntary patient on leave, who died from burns, caused by her dress accidently catching fire.

Casualties

There were 23 serious casualties during the year. These included 13 fractures of the femur, 1 fracture of the skull, 1 fracture of the nose, 1 fracture of the clavicle, 1 fracture of the humerus, 2 fractures of the ulna, 1 fracture of the wrist, 1 fracture of ribs, 1 fracture of the pelvis and 1 fracture of the ankle.

Health of Patients The general health and nutrition of the patients continued satisfactory and there were no epidemics.

There were 3 male cases and 1 female case of Pulmonary Tuberculosis, 8 cases of Severe Diarrhoea (5 male and 3 female), 12 male and 33 female cases of Influenza, 11 male and 19 female cases of Broncho-Pneumonia, 6 male and 7 female cases of Lobar Pneumonia and 6 male cases of Erysipelas.

Accom- modation	The state of was as follows:—	accommo	dation as	shown ir	the re	turns to	the Minis	try of Health Total.
	Numbers on	Register	31st Dec	ember, 19	53	547	738	1285
	Statutory Ac	commoda	ation—					
	Day					450	492	942
	Night	***				425	494	919
	Deficiency of	Accom	nodation-					
	Day					97	246	343

The overcrowding was thus 49.4% in the Female Hospital and 28.7% in the Male Hospital as compared with 45.5% and 21% last year, so that the rearrangement of the Catchment Areas has not yet had the hoped for effect.

... 122

244

366

The daily average number of patients on the register was 536 men and 724 women, a total of 1,260 patients. The number of beds available at 31st December was 1,245 and the average daily number of available beds during the year was 1,243. The average daily number of beds occupied during the year was 1,210 and there was an average daily number of 3 patients on trial and 47 patients on leave.

Additions and Alterations

Night

The division of Male Ward C, commenced in 1951, was completed, but the separate wards have not yet been occupied, as the lower division awaits redecoration. Progress in redecoration of the Hospital continued during the year and included the Church and Recreation Hall and the Nurses' Annexe. Further improvements were made in the central heating in the Female Hospital.

Treatment

The Medical-Establishment laid down by the Regional Hospital Board was finally attained during the year.

Insulin Coma was used in 50 cases of Schizophrenia, of whom 32 were discharged, 10 as recovered and 22 as improved.

Electro Convulsive Therapy was extensively used. The unmodified form was administered to 83 patients suffering from various forms of depression or excitement and of these 26, mainly cases of depression, were discharged, the majority recovered or greatly improved. A further 25 Out-Patients suffering from various forms of depression received this treatment and 17 were discharged as recovered or greatly improved.

The modified form of this treatment, using new relaxants administered by the Consulting Anaesthetist, was given to 172 patients all suffering from various forms of depression, of whom 115 were discharged as recovered or greatly improved. The treatment was also given to 86 Out-Patients of whom 80 were discharged as recovered or greatly improved.

The Intensive form of Electro-Convulsive treatment was given with varying benefit to 10 male patients mostly chronic and disturbed, 5 of whom were discharged.

The operation of pre-frontal Leucotomy was performed on 3 male and 10 female patients, mostly chronic and very disturbed but of the more recent cases 1 male and 1 female were discharged greatly improved. One female patient died of cerebral abscess following the operation.

The Physiotherapist carried out 2,270 treatments during the year.

The Chiropodist attended the Hospital for two three-hourly sessions weekly and gave 942 treatments to 149 female and 11 male patients.

Dental Treatment

Mr. J. J. McGowan, F.D.S., R.C.S., attended for one and a half sessions weekly.

The following is a summary of the work done: -

				Male.	Female.	Total.
Examinatio	ns			 190	467	657
Extractions	under Gene	eral Ana	esthetics	 	8	8
Local Anæ	sthetics			 62	80	142
Dentures				 9	30	39
Repairs to	Dentures			 18	18	36
Easing Den	tures			 5	_	5
Scaling				 10	6	16
Temporary	Dressings			 7	_	7
Fillings				 6	20	26

It will be seen that some conservative dental treatment has at last been carried out.

Laboratory

The work of this department was restricted by the loss of the Assistant Technician. The following is a summary of the work done:—

Specimens submitted for examination: -

		Total	 4262
Out-Patient	 ***		 361
In-Patient	 		 3901

EXAMINATIONS: -

BLOOD: Counts of Red and White Corpuscles, 1,353; Estimations of Hæmoglobin, 559; Agglutinations of Sera for Enteric, Dysentric Infection, etc., 144; Kahn Precipitation Tests, 516; Urea Estimations, 99; Sugar Estimations, 297; Sedimentation Rate of Red Corpuscles, 276; Corpuscular Volume of Red Corpuscles, 117; Estimations of Bromide, 26; Estimations of Prothrombin Time, 12; Blood Groupings, 17; Other Examinations including Cultures, Reticulocytes, Platelets, Bleeding Time, Coagulation Time, Plasma Proteins, Cholesterol, Serum Calcium, Hæmograms, Van den Bergh's Diazo Tests, etc., 212.

CEREBRO-SPINAL FLUID: Cultural Examinations, 7; Cytological and Microscopical, 41; Chemical Examinations, 72; Kahn Precipitation Tests, 15; Lange's Gold Sol Curves, 18.

FAECES: Cultural Examinations, 197; Chemical Examinations, 37; Microscopical Examinations, 11; Fat Estimations, 3; Other Examinations, 3.

GASTRIC JUICE: Estimations of Acid, 7; Chemical Examinations, 143; Other Examinations, 4.

MILK (BOVINE): Methylene Blue Reduction Tests, 11; Fat Estimations, 8; Other Examinations, 7.

PUS AND OTHER BODY FLUIDS: Cultural and Microsopical Examinations, 33.

Sputum: Cultural and Microscopical Examinations, 76.

THROAT, NASAL SWABS, ETC.: Cultural and Microscopical Examinations, 54.

URINE: Cultural Examinations, 169; Microscopical Examinations, 1,452; Protein Estimations, 10; Sugar Estimations, 106; Chemical Examinations (Qualitative), 6,606; Other Examinations, 3.

WATER: Bacteriological Investigations, 10.

MISCELLANEOUS: Including Sensitivity Tests (Antibiotic), Insulin Tolerance Tests, Skin Scrapings for Fungal Infection, Analysis of Foodstuffs, Glucose Tolerance Tests, etc., 108.

Total Examinations Performed, 12,839.

The following summary shows the work performed by this Department during Department the year:-

> Chest, 494; Spine, 123; Sinuses, 45; Skull, 50; Hips and Femur, 42; Knee, 9; Ankle and Foot, 34; Shoulder, 20; Elbow, 7; Wrist and Hand, 40; Ribs, 17; Gall-Bladder, 4; Kidneys, Urinart Track, Abdomen, etc., 24; Dental, 33, Nose, 2; Jaw, 6; Cysticicosis, 1.

Total number of Examinations, 947.

Occupational Therapy

The work of the Occupational Therapy Department was fully maintained during the year. The number of new patients attending Occupational Therapy classes was 306 and attendances for all patients totalled 51,595. The News Letter continued to appear under the editorship of the Free Church Chaplain and the supervision of the Occupational Therapist.

Out-Patient Clinics

The number of new patients and the attendances at the various Out-Patient Clinics were as follows:-

Clinic.		New Ca	ases.		Attenda	nces.
	M.	F.	Total.	M.	F.	Total.
Norfolk and Norwich	 97	151	248	292	506	798
Great Yarmouth	 71	76	147	299	414	713
Lowestoft	 66	67	133	431	469	900
St. Andrew's Hospital	 10	28	38	376	637	1013
Total	 244	322	566	1398	2026	3424
	-					

These figures show an increase of 11% in the number of new patients and an increase of 6% in attendances. The decrease in attendances at the Norfolk and Norwich Hospital was presumably due to the alteration in the areas served by the clinics.

These figures include those patients attending St. Andrew's Hospital for Electro-Convulsive treatment.

The number of patients admitted to Hospital from the Clinics was 58 males and 74 females, a total of 132 or 23% of the new patients seen.

Social Work The vacancy for a Psychiatric Social Worker was filled during the year, but acknowledgement must again be made to Dr. Ruddock-West and the Welfare Officers of the Norfolk County Council and to Dr. Grant and the Welfare Department of Gt. Yarmouth for their services to the hospital.

Entertainments A Recreational Organiser was appointed towards the end of the year. Cinema shows were held weekly in the Main Hall and 16 mm. films were shown in the Wards. Concerts, Dances and Whist Drives were given during the winter months and Boat Trips and Motor Coach Tours were arranged during the summer. Parties of patients attended the Theatre Royal Pantomime and many male patients attended the Norwich City football matches. Commentaries were relaved from Norwich City Football Club ground at Carrow Road. The Monthly Shopping Evening and Weekly Social Evenings continued throughout the year. A special programme of entertainments was arranged during Coronation week and the Annual Sports were held in July.

Parole and Leave Full Parole was given to 77 male and 23 female patients and Parole within the grounds to 57 male and 83 female patients. There was a further increase in the number of patients granted leave.

Official Visits

- Miss I. C. Duncan and Dr. J. Ivison Russell, Commissioners of the Board of Control, visited the Hospital on 4th and 5th May, 1953.
- Lt. Colonel and Mrs. L. Rushworth Ward. Representatives of the Official Solicitor, visited the hospital on 23rd October, 1953.
- Dr. J. A. D. Skinner. from the Ministry of Pensions, made the annual inspection of Service patients on 6th August, 1953.
- Capt. R. A. Napier, from the ex-Services' Welfare Society, visited ex-Service patients on 4th February, 1953.

Nursing Staff The whole-time Female Nursing Staff at the end of the year consisted of 27 Registered Nurses, 7 Student Nurses, 23 Nursing Assistants and 9 Nursing Orderlies; also 15 Registered Nurses, 48 Nursing Assistants and 1 Nursing Orderly working part-time.

The number of Female Student Nurses engaged during the year was 3, but of these 2 left and a further 2 Student Nurses from the previous year's intake also left.

The Male Nursing Staff at the end of the year consisted of 71 Registered Nurses, 13 Student Nurses, 10 Nursing Assistants and 6 Nursing Orderlies, all whole-time. Three nurses were seconded for General Training.

During the year Student Nurses passed the General Nursing Council examinations for Mental Nurses as follows:—

		Prelin	ninary	
		Part I	Part II	Final
Male	 	5	2	10
Female	 	1	1	_
		_	_	_
		6	3	10
		_		

Changes of Staff

- Dr. H. B. N. Jennings, Consultant, joined the staff on the 18th February, 1953.
- Dr. J. McConmell took up her appointment as Registrar on the 7th April, 1953.
- Miss A. Coomber, Matron, left on 31st March, 1953, on the occasion of her forthcoming marriage.
- Miss E. M. Parry was appointed Matron and took up her duties on the 1st April, 1953.
- Mr. H. Hutchings, Chief Male Nurse, died on the 8th August, 1953, after a short illness.
- Mr. J. C. Watts was appointed Chief Male Nurse and commenced duty on the 9th November, 1953.
- Mr. W. W. Taylor retired on the 30th September and Mr. F. J. Hunt was appointed to succeed him as Deputy Secretary.
- Mr. S. T. Read was appointed Senior Administrative Assistant and commenced duty on the 13th July, 1953.
- Miss C. A. W. McCall, Psychiatric Social Worker, joined the staff on the 20th July, 1953.
- Mr. J. L. Worsley, Joint Clinical Psychologist with Hellesdon Hospital, commenced duty on 5th October, 1953.
- Miss E. J. Alford, Assistant Occupational Therapist, commenced on 30th March and Miss O. K. Jones, Assistant Occupational Therapist, joined the staff on 17th August, 1953.
- Mrs. H. Devenish was appointed to the new post of Recreational Organiser and commenced duty on the 2nd November, 1953.

Pensions

The following members of the staff retired on pension: -

Charles Thomas Brighton, Carpenter, after 47 years' service.

Thomas James Lowne, Cowman, retired on incapacity after 24 years' service.

Ivy Stephens, Ward Sister, after 32 years' service.

Walter William Taylor, Deputy Secretary, after 43 years' service.

Conclusion

I again record my thanks to my Medical Colleagues, to the Officers and Staff of the Hospital and to the Officers of the Regional Hospital Board and I acknowledge the continued support of the Chairman and Members of the Committee of Management.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

W. J. McCULLEY,

27th March, 1954.

Medical Superintendent.

FREE CHURCH CHAPLAIN'S REPORT, 1953.

January, 1954.

Mr. Chairman, Ladies and Gentlemen,

It is my pleasure to submit the following report of my work at the Hospital over the past twelve months.

During the year I have visited every ward in the Hospital, both in the Main Building and the Annexe at least once a week. Other special visits have been made as and when requested. The arrangement now in operation by which intimation is given of fresh admissions is much appreciated, enabling early visitation and greatly facilitating the work in general.

It is very gratifying to report that attendances at the Sunday afternoon services in the Chapel have been well maintained, the number of patients present reaching an average of about 250. I cannot speak too highly of the assistance rendered week by week by Mr. K. N. Newson, the organist, and the members of the choir. Their regular presence and support are very commendable and much valued.

One pleasing feature of the year has been the noticeable readiness with which some of the patients, of their own accord, have approached one for personal talks. This is encouraging and insofar as it is an indication of confidence one is grateful.

I would again like to express my sincere thanks to Dr. McCulley, Mr. Read, Miss Parry, Mr. Watts and other members of the staff for their help and co-operation throughout the year.

I beg to remain,

Mr. Chairman, Ladies and Gentlemen.

Yours obediently,

ERNEST S. FRANCE,

Free Church Chaplain.

385, Unthank Road, Norwich.

CHAPLAIN'S REPORT, 1953.

19th March, 1954.

Mr. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to submit my report for the year 1953.

First of all I wish to thank Dr. McCulley, Mr. Read and all the members of the staff for their friendly co-operation and willing assistance throughout the year. I also wish to record how much I appreciate the friendship the Rev. E. S. France, who is always ready to help me whenever the occasion arises.

The ordinary Sunday Services have been well attended and the choir of patients under the leadership of our organist, Mr. K. N. Newson, have helped everyone to join in heartily in the hymns and prayers.

The special preacher at our Harvest Thanksgiving was the Rev. Basil Maine, well-known in Norfolk as a journalist, author, musician and broadcaster. The chapel was beautifully decorated, as usual, for the occasion.

Holy Communion has been celebrated on the second Sunday in the month and on the great Festivals. The attendance at these services has varied very little during the past ten years. Private celebrations were held on the wards for those unable to visit the chapel.

The wards have been visited regularly and patients look forward to the visits and seek the help of the Chaplains in their problems. There are also occasions when the members of the Staff turn to the Chaplain for advice and encouragement.

During 1953 only eight C. of E. funerals were held in the Hospital Cemetery.

In conclusion, may I thank the Committee for redecorating the Chapel and Mr. Wyatt for his work on the reredos. All agree that the appearance of the building has greatly improved.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

CLYDE DOUGLAS PROUD,

Chaplain.

Postwick Rectory, Norwich.

REPORT OF THE COMMISSIONERS OF THE BOARD OF CONTROL

St. Andrew's Mental Hospital, Norwich.

5th May, 1953.

This hospital continues to be administered upon progressive lines and much has been done, within the limits of careful economy, during the past year to increase the comfort and happiness of the patients undergoing treatment.

The wards generally are in an excellent state of decorative repair and repainting of dayrooms, dormitories and corridors is continuing steadily. condition of the grounds and ward gardens deserves a special word of praise. Even the gardens used by the most turbulent patients are now a mass of flowers and it is noteworthy that so little damage to the flower beds is done by the patients. It has not yet been possible to resurface all the garden paths but it is hoped to complete this work when money becomes available. We were particularly struck by the gardens and allotments at W.16 where each patient interested in gardening has his own garden patch and is allowed to sell the produce internally to members of the Staff. The women patients also are keenly interested in gardening in the plots adjacent to two of the occupation centres. Male Ward C which is on two floors is now in process of being converted into two distinct wards one on each floor. new sanitary annexe has been made for the upper ward and is most spacious and well equipped, although the new type of bath may not be altogether a wise choice and may tend to increase the danger of accident to patients attempting to get out of the bath unaided. Alterations are now being made to F 3, the turbulent and main typhoid carrier ward, to improve the kitchen and sanitary accommodation. This ward will, however, continue to furnish a difficult problem in segregation with regard to the 20 carriers and 2 active tuberculosis patients who continue to share day room and dormitory space with the other patients.

The furnishing of the wards is good and improvements are steadily being made. There are numerous upholstered armchairs. The excellent pictures referred to in the last entry have been added to in the past year.

The recreational and occupational life of the patients is a full one. The Recreation Hall has been decorated for the first time in some thirty years and its size has been increased by the elimination of the area formerly railed off for the use of a band. In this hall there are regular dances, cinema performances and concerts, including Concerts arranged by the Council for Music in Hospitals. A 16 mm. projector is taken round the wards so that patients unable to visit the hall can enjoy cinema entertainments. The Church has been decorated and a beautiful reredos of carved oak and a reading desk has been made by the Hospital Engineer. Both here and in the Hall microphones have been fitted and joined up with the internal Broadcasting system so that Church services and concerts can be relayed to the Wards.

Occupation therapy is in the care of three trained occupational therapists and there are three occupation centres. So far ward classes have not been formed but Dr. McCulley has this development in mind.

Since the last visit the Male Visiting Room has been transformed into a Canteen run on the same lines as the one already in existence at the main entrance. It is comfortable and much used and as at the central canteen patients' friends can have refreshments when they visit, which they can do any day in the week except Sundays.

Dinner today consisted of cold ham, mashed potatoes, pickles and tapioca pudding. The diet appears well varied and adequate.

Various improvements have been made at the Kitchen, a new double-tier drawplate oven, a new fish fryer and a potato peeling machine have been installed and the vegetable yard mentioned last year has been roofed in.

In the laundry, following an accident at a neighbouring hospital, a further safety device has been fitted to the Calender. We were pleased to be told that the foul wash is entirely treated in the laundry and that there is in consequence the minimum handling in the wards.

During our visit, which began yesterday, we believe we have seen all the patients in residence and in addition to giving 8 special interviews, we had many conversations with individual patients. We found them on the whole well behaved and quiet and there were few complaints of any kind.

There are 1,209 patients in residence today—516 men and 693 women. Of these 183 men and 206 women are voluntary and the remainder are all detained under certificates. During 1952 there were 509 direct admissions (206 men, 299 women) of whom no fewer than 406 came in voluntarily and 10 were temporary admissions. In 1952 the number of patients admitted for observation under Sections 20 and 21 of the Lunacy Act (1890), numbered 20 (9 men, 11 women). Of the total 12 remained on a voluntary basis. 1 became a temporary patient and 3 only had to be certified; 3 were discharged to the care of friends. In the period under review 462 patients left or were discharged and 42 went out on trial.

Although the hospital still has a serious shortage of female nurses the actual figures show a slight improvement on the position as it was at the last visit. The total nursing staff consists of 90 male and 35 female full-time nurses and 65 female part-time nurses. Sixty-five of the men and 31 of the women (14 of them part-time only) are certificated or registered as mental nurses and 3 of the full-time nurses are at present seconded for general training. We are glad to note that of the junior nursing staff 18 men and 9 women are classed as student nurses. The position on the female side is strengthened by 16 full-time and 3 part-time ward orderlies.

At the present time the entire redecoration of the Nurses' Home is being completed. The colour scheme is very attractive. Improvements to the furnishings have been made and all bedrooms are now centrally heated.

The facilities provided both for general and special treatments are good and obviously being used to the best advantage. The infirmaries at F "15" and M "D" wards were remarkably bright and pleasant. The arrangements for special psychiatric treatments are also admirable. The treatment unit at the Male hospital includes an X-ray plant, operating theatre, dental surgery, physiotherapy and deep insulin and Electro-Convulsive Treatment rooms. Part of the dental equipment is of obsolete pattern and is about to be replaced.

There are at present 7 men and 6 women suffering from pulmonary tuberculosis, two of the men being recent cases. Since our last visit an important improvement has been effected by the construction of an extension to "D" ward for the treatment of tuberculosis patients. It is well equipped with new sluice room, steriliser and other water services. Here and also at the Women's hospital the accommodation and methods of treatment are very satisfactory.

Early this year an epidemic of influenza attacked 12 men and 35 women; otherwise the general health of the patients has remained good and the hospital is at present free from infectious disease. Mention has been made on previous occasions of the presence of known typhoid carriers among the female patients and it is noted that 1 patient contracted this disease in 1952. Careful bacteriological investigations and other precautionary measures continue to be carried out including the annual re-inocculation of contacts and as far as possible the ever present risk is under control. We appreciate that ruthless isolation of all suspected carriers is not practicable in the present circumstances.

During 1952 63 patients died (27 males, 36 females) giving the low mortality rate of 5.2% and since January of this year 46 deaths have occurred. Four inquests were held.

Since the last visit there have been 19 casualties involving fractures.

The Medical Staff is now up to full establishment and is supported by a full complement of consultants in other specialties. Dr. McCulley the Medical Superintendent has as his Deputy Dr. Fraser and Dr. Jennings has recently joined the staff as a third consultant. The other physicians are Drs. Crossley, Ruth Meier Blaauw, Birkinshaw, McConmell, Pietocha and Simon, while St. Andrew's shares with Hellesdon the services of Dr. Cook as Senior Registrar.

We had the pleasure of meeting the Chairman and Vice-Chairman of the Hospital Management Committee at luncheon today, and we must thank them and Dr. McCulley for their helpful attitude to our enquiries.

I. COFFIN DUNCAN | Commissioners of the J. IVISON RUSSELL | Board of Control.

TABLE I.

Showing the Admissions, Re-admissions, Discharges and Deaths during the year ending 31st December, 1953.

	Male	Female	Total	Male	Female	Total
In the Hospital, 1st January, 1953.				514	719	1233
Cases Admitted.						
First Admissions	125	191	316			
Not First Admissions	100	126	226		Printer	
Total Cases admitted during the year				225	317	542
Total Cases under care during the year				789	1036	1775
Cases Discharged.						Bras
Recovered	30	52	82	I HARRY	PART HO	
Relieved	192	172	274		1	
Not Improved	21	18	39	2 500	Strate L	
Transferred to other Hospitals	1	3	4			
Died	88	58	91		1	
Total Cases discharged and died during the year				192	298	490
Remaining in the Hospital, 31st Dec.,				547	738	1285
1953		-		941	100	1200
					-	
Average number resident during year				516	694	1210
Persons Admitted				225	317	542
Persons Recovered				80	52	82
Transferred to this Hospital		1 4 45		-	1	1
Transferred from this Hospital				1	3	4

TABLE II.

Showing the Admissions, Discharges and Deaths, with the mean Annual Mortality and Proportion of Recoveries per cent. the year ending 31st December, 1953

hs	otal	1	5	200	4	99	10	36	10	16	66	17	7	-	6	2	6	11	1	9	TĮ!	35	0	6	4 0	0 0	0	7	8	33	90			_	_	-	-	-	-	-	-	-	-	-	-	_	-	_
Deaths 1ge sident	H		100	9		12.69		-		9	10.99	7.77	7	::	7.49	6.1	5.99	0.00	0.0	0.00	6.14	7.3	6.60	oc oc	10.0	0.0	0.30	2.7	6.4	5.83	6.68	7.6	7.7	6.6	4.5	4 3	100	0.0	0.0	0.0	4.0	8.9	6.5	00		1 10		
rcentage of Deat to Average Number Resident	Female		10.00	10.00	10.19	14.23	9.56	5 68	00.00	8.90		6.22		0 0	0.70	5.94	4.91	4 40	200	5.03	4.46	6.00	6.40	4 80	F 20	00.00	0.40	9.39	5.05	6.04	3.81	6.4	5.5	4.6	3.6	30	47	. u	0.0	000	3.1	5.7	4.9	7.9	-	7.6	2	
Percentage to Av Number	Malc		10 10	12.10	11.45	10.69	10.54	6 38	10.00	10.41	12.84	10.10	6 05	0.00	8.6/	6.49	7.80	0 10	100	0,20	8.59	9.23	7.10	7.54	6 80	00.00	07.0	0.21	8.61	5.53	11.01	9.5	11.0	9.6	6.0		6.1	6 8	7.7	0.4	5.0	7.7	6.8	9 3	4	7.4		
of suc	Total		95 00	90.00	00.00	39.60	36.78	53.19	41 00	41,09	38.81	35.03	46.31	F1 75	6/.10	46.28	32.03	44 97	00 00	17.07	39.82	27.06	31.70	48.57	48 90	06.70	10.70	70.05	48.30	51.03		68.1	42.2	43.4	19.4	41.9	49 1	35.6	0.00	61.0	6.11	6.18	5.03	11.3	9.6	15.1		
Percentage of Recoveries to Admissions	Female		41 46	24.40	04.40	47.12	34.48	61.83	48 00	10.23	46.87	40.64	47.51	50 71	17.70	87	29.84	66	3 8	-	48		33.80	-	06	200		-	-	52.32	-			-	-			-			2	6	21.9	24 4 2	0	4		
P. to	Male		98 57		00 00	01.03	39.08	42.30	35 18	00.10	27.47	26.26	44.30	20 00	00.00	38.54	35.36	81 03	04 00	00.100	30.48	17.85	28.40	40.00	06 88			_	3.55		0			47.4	42.1	30.6							9	17.2		13.3	1	
nper	Tot.		1087	1049	0000	2001	048	822	333								1083						1130										077	057	890	080							207 1	228 1				
Average Number Resident	Fem.		585				575	493	503	2000	272	595			070		631		675	0.0	1101/	669	667 1	665 1		683 1	200	1000	6/3				-	_	654 1	667 1	_			-	•	-	_	723 1	-	-		
Avera	Maic		450	454	101	449	474	329	365	000	366	396	413	415	011	434	452	471	400	100	489	498	463	451	499	430	451	101	453	452	424	441	425	413	414	413	421	426				478	495	505	498	516	1	-
ing reach	Tot.		1036			-	1040	898	894	001	921	1028	1044	1053	000	1059	1117	1135	1105	0000	9771	677 1181	1123	1120	1106	1139	1110	000	1133	1127	1151	1084	6901	1058	1068	9801	073	133	152	000	707	231	1264	260	233	285	i	
Remaining 31st Dec. in each year	Fem.		581				110	519	599	1000	237	819	623	888	000	614	652	664	102	100	133	677	899	683	699	685	670	200	684						658 1	668 1		687	603		-			7461	-		1	
3184	Malc			445				200			1.00	410	421	417	111	440	465	471	484	400	400	204	455	437	437	447	440	440	644	424	458	425	428	411	410	418	424	446	460	404	101	210	520	514	514	547	1	
	Tot.	3904	114			101	201	49	85	30	30	11	75	78	000	99	64	72	77	2.4	1,4	80	75	99	63	59	8	2 6	000	90	9/	82	000	20	49	47	57	72	96	46	0 0	9/	79	104	63	91	Ì	064
Died	Fem.	2001	59								10	37	20	42	0	90	31	29	34	60	70	42	42	32	36	23	37	0.4	0.4	4	207	43	36	30	24	26	31	37	36	91	100	33	35	57	36	53	İ	3484
	Maie	1903	55	52	48	200	200	21	38	47	11	40	23	36	000	3 6	33	43	43	49	70	46	33	34	27	36	28	30	000	07	00	7.5	47	40	25	21	26	35	90	200	1 0	6	44	47	27	38	1	3296
Improved	Tot.	611	22	30	10	10	77	13	6.	0 00	0	6	6	00	0.0	10	00	6	7	0	0 1	15	0	3	28	-	130	10	7 .	4	200	01	20	-	20	25	16	23	26	130	0.0	50	90	25	41	39	1	1304 3296 3494 6790
10000	Fem	376	13	1	1	. 0	0	7	3	0	0 0	20	-	*	00	67	7	4	4	0	0 0	77	8	01	4	00	ıc	0	0 4	0 0	00	0 :	=	0	00	13	80	15	=	40		000	99	21	15	18	1	714
Not	Male	23		32	•			9	9	00	00	9	53	4		4	-	ıo		10		00	7		24			ď	00	0 0	0 0	- 1	-	9	12	12	00	00	12	œ	10	0 0	23	31	26	21	1	280
pag pag	. Tot.	479							20					17		070		19	22			011			49	88									26	67	63	80	159	148	000	202	248	270	322	274	1	3471
Discharged	Male Fem	5 264		3						1 10			18	=			17	-	14	40.5	40					44												53	18	84	110	7 0	143	149	200	172	1	2075
		21							8	-	-	,	11					8		IC.				7	12	45												27	68		0.0	000	AG.	121	122	102		1396
red	. Tot.	7 3740		3 68			'			85		,		3 103					57					_	_			-										124			-	101	107	115	66	82	T	7532
Recovered	Fem.	32197	5 51	- 33					3 55			7.47		89		70	10 4		37		325			200					1000		000								87	-					99			4675
	Male	8 1543		7 25					5 38					8 35					2 20						5 37	1 28													30						33		1	2857
uc	Total	6	228						235					218					212							251								210	507	19:	235	359	378	435	514	595	040	246	515	542		21150
Admission	Fem.	5423	127				000	630	121	135	102	195	148	141	188	101	131	115	127	125	130	100	133	147	136	129	132	157	156	156	130	100	100	100	101	1/3	152	223	231	244	978	300	000	312	306	317	1	Totals 8847 12303 21150 2857 4675 7532 1396 2075 3471
4	Malc	4345	101	102	103	105	201	114	114	97	100	105	84	77	103	200	80	90	85	86	0.0	10	18	106	100	122	108	122	0.4	116	60	00	000	200	103	200	93	136	147	161	986	916	017	734	500	225	Í	8847
Years	From 1850 to	1910	1911	1912	1913	1014	000	076	1921	922	000	0761	1924	1925	1926	1001	1761	1928	1929	1930	188	1000	700	1933	1934	935	986	937	938	030	040	041	040	710	040	+++	1945	1946	947	948	676	950	000	100	952	953	Ì	otals

* No Statistics are prepared for year 1915-1919 as Institution was in use as a War Hospital

TABLE III.

Showing the Causes, Ages and Post-Mortem Examinations in the Deaths during 1953.

.en	M. q. 1	lo. ol mex	E		:	-		: 4	. :	:	:		7	1	-	:	-	12	200	1		:		: 0	10	: 2			: 67	67		_	-		07	. :		54
			H		: '	-		4	:	:	1		=	67	-	:	c	4 4	9 10	:	:	:		. 4	cı	3		:	. 64	4		-	-		00	-		91
	TOTAL		F		: *	-		:	: :	:	:		: 10	63	-	:			7	. :	:	:		::	11	2		:	-	8		-	-		60			53
	TC		W		:	1		: 4	:	:	:	:	9	1	:	:	6	4 00	-	:	:	:		: "	*	:-		:	-	-		:	:			: :		38
		over	T		: -	-		: :	:	:	:	:	ıo	5	:	:		: 65	00	:	:	:		: 9	0	-		:	: :	63		:	-		65	:		38
		65 and over	W		:			4	:	:	:	:	4	:		:	-	18	-	:	:	:		: 0	4	: -		:	: :	-		***	:			: :		32
			tr.		:	:	-	: :	:	:	:		:	:	:	:		. 4	1	:	:	:		: -	-	: :		1	: :	:		:	:			:		ıo
		55-64	M		:	:		: :	:	:	:	-	61	:	:	:	-	-	:	: :	:	:		:	:	: :		:	: :	:		1	:			:		69
S		75	tr.		:	:		:	:	:	:			:	:	:		:	: -		:	:		. 0	0	: :		:	: :	:		:	:			-		ıo
NUMBER OF DEATHS		45-54	M		:	:		: :	:	:	:	3	:	:	:	:		:	: :	:	:	:		:-	-	: :		:	-	:		:	:			:	1	61
OF D		4	Ĺ.		:	:			:		÷	:	:	: '	-	:		:		:	:	:	rel :	:-	-	-		:	: :	:		-	:		:	:		4
BER	AGES	35-44	W		:	:		: :	:	:	:	:	:	:	:	:		:	:	:	:	:		:-	-	: :		:	: :	:		:	:		:	:		-
NUM	AG	4	(T		:	:		:	:	:	:	:	:	:	:	:		:		:	:	:		:	:			:	-	:		:	:			:		-
		25-34	M		:	:		: :	:	:	:	;	:	:	:	:		;	: :	:	:	:		:		: :		:	:	:		:	:			:		:
			E.		:	:		: :	:	:	:	-;	:	:	:	:				:	:	:		;	:			:	: :	:		:	:		-	:		:
		20-24	M			;		:	:	:	:		:	:	:	;		:	: :	:	:	:		:	:	: :		:	: :	:		:	:			:	1	:
		6	EL.	_	:	:		: :	:	:	:		-	:	:	:				:	:	:			:	: :		:	: :	:		:	:		-	:	-	-
		16-19	M		:	:		: :	:	:	:		:	:	:	:				:	:			:	:	: :		:	: :	:		:	:					:
		16	EL.	_	:	:		: :	:	:	:		:			:				:	:	:	_	:	:	: :		:	: :	:		:	:			:		-
		Under 16	M		:	:		: :	: :	:		-	: :	:	:	:		:	: :	:	:	:		:	:	: :		:	: :	:		:	:		:	:		:
	PRINCIPAL CAUSE OF DEATH	(One Cause Only).			Paratyphoid Fevers	: : :	GENERAL DISEASES—	: :	: :	:	Aplastic Anæmia	Nervous System— Diseases of the Spinal Cord				Senility	CIRCULATORY SYSTEM—	as	_	: :	_	Circulatory System	RESPIRATORY SYSTEM—	Bronchitis	_	Other Diseases of the Respiratory System	DISEASES OF THE DIGESTIVE SYSTEM-	:		Other Diseases of the Digestive System	NON-VENEREAL DISEASES OF THE GENTTO-	_	seases of Kidney and Annexa	DEATHS BY— Shock following accident — fractured	femurs	Toxaema following extensive burns	The second secon	Totals







